

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	12	(US-20070115474-\$ or US-20050255491-\$ or US-20040180380-\$ or US-20020063212-\$ or US-20040038307-\$ or US-20030013111-\$ or US-20020179434-\$ or US-20020172943-\$ or US-20040248144-\$).did. or (US-6827979-\$ or US-7058264-\$ or US-6897015-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/10/02 14:54
L12	4	11 and (ellip\$4 and sensitiv\$4 and particle and metal\$4 and fluorescen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:05
L13	14	((ellip\$4 and sensitiv\$4 and particle and metal\$4 and fluorescen\$4) and (nanosensor or microsensor) and ((gold or silver) same (layer or surface or photoresist)) and (film and microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:08
L14	2	11 and (snom or (scanning near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:05
L15	14	13 and (sensitiv\$4 same (particle or fluorescen\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:09
L16	2	13 and (sensitiv\$4 near (particle or fluorescen\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:08
L17	14	13 and (sensitiv\$4 same (particle or fluorescen\$4)) and microscope	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:10
L18	0	17 and ellip44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:10
L19	14	17 and ellip\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:41

## EAST Search History

L20	217	((increas\$4 near sensitiv\$4) same (sensor or microscope or scann\$4)) and (surface near plasmons))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:42
L21	43	20 and ((pad\$4 and immobili\$5) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:43
L22	42	21 and (raman or gold or metal\$4 or spectroscopy or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:45
L23	24	22 and (particle same (biological or chemical or fluorescent or metallic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:37
L24	42	((snom or (microscope near field)) near (tip))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:42
L25	1	24 and ((surface near plasmon\$2) and (pad\$4 and immobili\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:39
L26	4	24 and (surface near plasmon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:40
L27	5	24 and (surface same plasmon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:40
S1	78	chaton.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:33

## EAST Search History

S2	45	chaton-patrick.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S3	9	S2 and (spr or (plasmon\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S4	10	S1 and (spr or (plasmon\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:33
S5	1	S4 and pad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S6	1	S3 and pad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S7	6	S1 and pad\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:35
S8	0	((surface near plasmon\$2).and (((pad\$4 same immobili45) and (chemical or biological)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:37
S9	0	((surface near plasmon\$2) and (((pad\$4 and immobili45) and (chemical or biological)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:37
S10	0	((surface near plasmon\$2) and (pad\$4 and immobili45) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:37

## EAST Search History

S11	1764	((surface near plasmon\$2) and (pad\$4 and immobili\$5) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:39
S12	150	((surface near plasmon\$2) and (pad\$4 and immobili\$5) same (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:37
S13	20	S12 and (microsensor or nanosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:43
S14	72	S11 and (microsensor or nanosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:38
S15	13	S13 and (circle or ellip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 10:39
S16	53	S14 and (circle or ellip\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:11
S17	3	S16 and ((gold or silver or conductive) same pad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:13
S18	21	S12 and ((gold or silver or conductive) same pad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:13

## EAST Search History

S19	97	( "20020042081"   "20020063212"   "20020076927"   "20020114987"   "20020122873"   "20020123135"   "20020146714"   "20020172943"   "20020179434"   "20030013111"   "4728591"   "5106729"   "5138174"   "5143854"   "5314829"   "5346683"   "5363697"   "5372930"   "5384261"   "5440122"   "5443791"   "5445934"   "5445971"   "5453970"   "5467642"   "5472881"   "5482601"   "5514540"   "5514550"   "5519212"   "5532128"   "5571639"   "5601982"   "5604097"   "5620854"   "5666190"   "5670322"   "5688486"   "5720928"   "5744305"   "5753088"   "5760300"   "5763768"   "5789167"   "5800992"   "5837832"   "5840862"   "5846724"   "5851769"   "5866328"   "5866434"   "5874219"   "5874668"   "5958701"   "5965133"   "5981733"   "5985356"   "5992226"   "5993627"   "6004617"   "6024925"   "6033911"   "6045671"   "6080586"   "6083763"   "6087274"   "6110426"   "6123819"   "6143574"   "6146899"   "6159742"   "6171797"   "6180114"   "6200737"   "6203814"   "6214552"   "6218122"   "6231744"   "6232706"   "6239273"   "6255469"   "6270946"   "6278231"   "6284497"   "6287850"   "6289717"   "6309831"   "6329209"   "6331396"   "6350609"   "6395554"   "6406921"   "6416952"   "6420105"   "6436647"   "6518168"   "6573369").PN. OR ( "6897015").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/01 11:13
S20	2	S19 and ((surface near plasmon\$2) and (pad\$4 and immobili\$5) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:14
S21	5	S19 and ((gold or silver or conductive) same pad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:58
S22	3	Arenkov.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 11:58
S23	1	S13 and (raman)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:08
S24	35	S14 and (raman)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 15:44
S25	32	S16 and (raman)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:08

## EAST Search History

S26	2	S25 and (metallic or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 08:49
S27	2	S26 and dna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:29
S28	32	S25 and dna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:29
S29	1	S16 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:44
S30	1	S28 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:48
S31	12	S11 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:44
S32	3	S12 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:44
S33	6	S31 and (metallic or dielectric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:45

## EAST Search History

S34	97	( "20020042081"   "20020063212"   "20020076927"   "20020114987"   "20020122873"   "20020123135"   "20020146714"   "20020172943"   "20020179434"   "20030013111"   "4728591"   "5106729"   "5138174"   "5143854"   "5314829"   "5346683"   "5363697"   "5372930"   "5384261"   "5440122"   "5443791"   "5445934"   "5445971"   "5453970"   "5467642"   "5472881"   "5482601"   "5514540"   "5514550"   "5519212"   "5532128"   "5571639"   "5601982"   "5604097"   "5620854"   "5666190"   "5670322"   "5688486"   "5720928"   "5744305"   "5753088"   "5760300"   "5763768"   "5789167"   "5800992"   "5837832"   "5840862"   "5846724"   "5851769"   "5866328"   "5866434"   "5874219"   "5874668"   "5958701"   "5965133"   "5981733"   "5985356"   "5992226"   "5993627"   "6004617"   "6024925"   "6033911"   "6045671"   "6080586"   "6083763"   "6087274"   "6110426"   "6123819"   "6143574"   "6146899"   "6159742"   "6171797"   "6180114"   "6200737"   "6203814"   "6214552"   "6218122"   "6231744"   "6232706"   "6239273"   "6255469"   "6270946"   "6278231"   "6284497"   "6287850"   "6289717"   "6309831"   "6329209"   "6331396"   "6350609"   "6395554"   "6406921"   "6416952"   "6420105"   "6436647"   "6518168"   "6573369").PN. OR ("6897015").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/01 12:48
S35	2	S34 and (snom or (field near microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 12:48
S36	17	((surface near plasmon\$2) and (pad\$4 same immobili\$5) and (chemical or biological)) and (circle or ellips\$4) and (dimension and (microsensor or nanosensor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:48
S37	17	S36 and (pad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:50
S38	16	S37 and (gold or silver or metallic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:51
S39	16	S38 and (thin and film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:51
S40	522	"356"/.clas. and ((surface near plasmon\$2) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:09

## EAST Search History

S41	1	"60532687"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:32
S42	1	"60519530"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:32
S43	30	lee-frank-d.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:32
S44	5	lee-frank.in. and (immobil\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:12
S45	12	S43 and (immobil\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:34
S46	12	S45 and (chemical or biological)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:40
S47	9	S46 and (metal\$4 or semiconduct\$4 or dielectric or gold or silver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:41
S48	2763	((surface near plasmon\$2) and (pad\$4 or immobil\$5) and (chemical or biological) and ("mu.m" or micron\$2) and (gold or silver) and (dielectric or semiconduct\$4 or metal\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:51
S49	139	S48 and (((film or thin) same dielectric) and (sensitivity and microscope and (raman or spectroscopy)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:52

## EAST Search History

S50	163	S48 and (((film or thin) same dielectric) and (sensitivity and microscope))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 16:59
S51	14	S50 and (microsensor or nanosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:00
S52	14	S49 and (microsensor or nanosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:04
S53	10	S52 and pad	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:08
S54	14	royer-pascal.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:09
S55	2	adam-pierre.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:09
S56	4	S54 and ((surface near plasmon\$2) and (chemical or biological))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:10
S57	2	bijeon.in. and (surface near plasmon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:11
S58	6	bijeon and (surface near plasmon\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:11

## EAST Search History

S59	6	S58 and (immobil\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:12
S60	2	S56 and (immobil\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 17:12